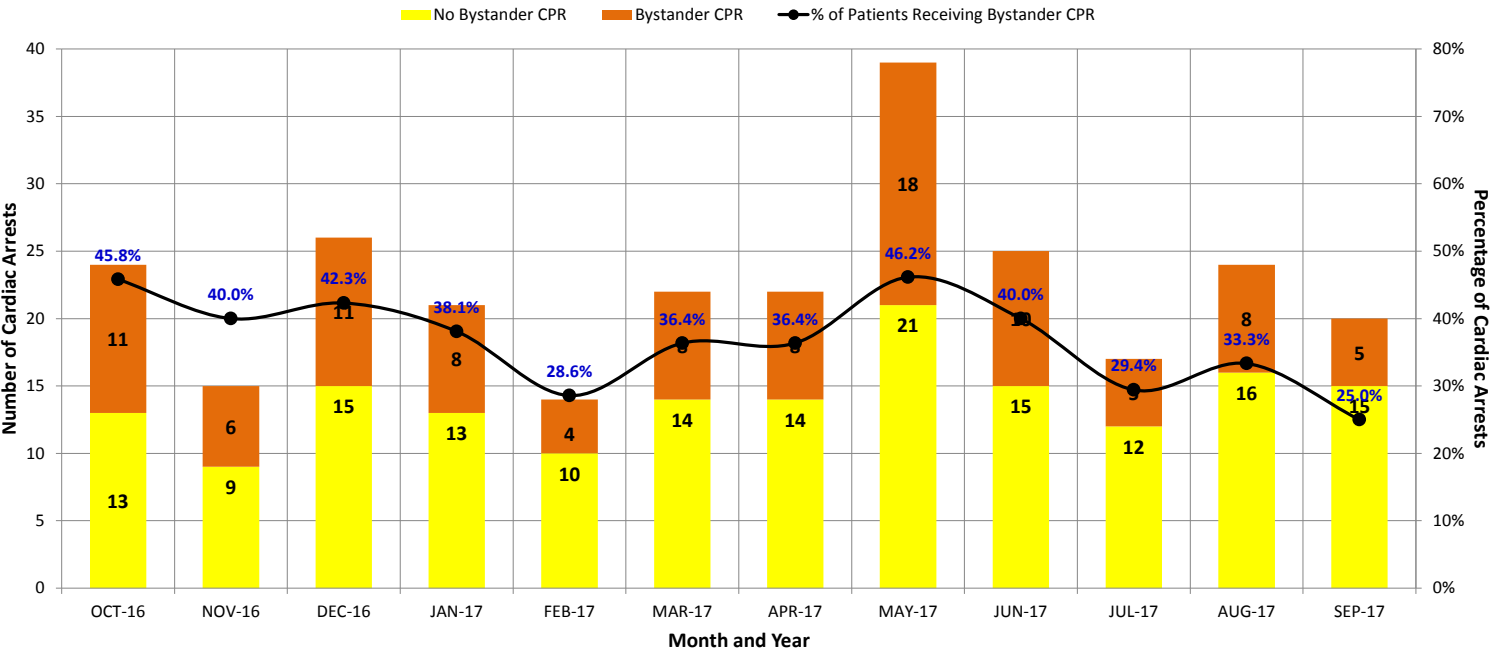
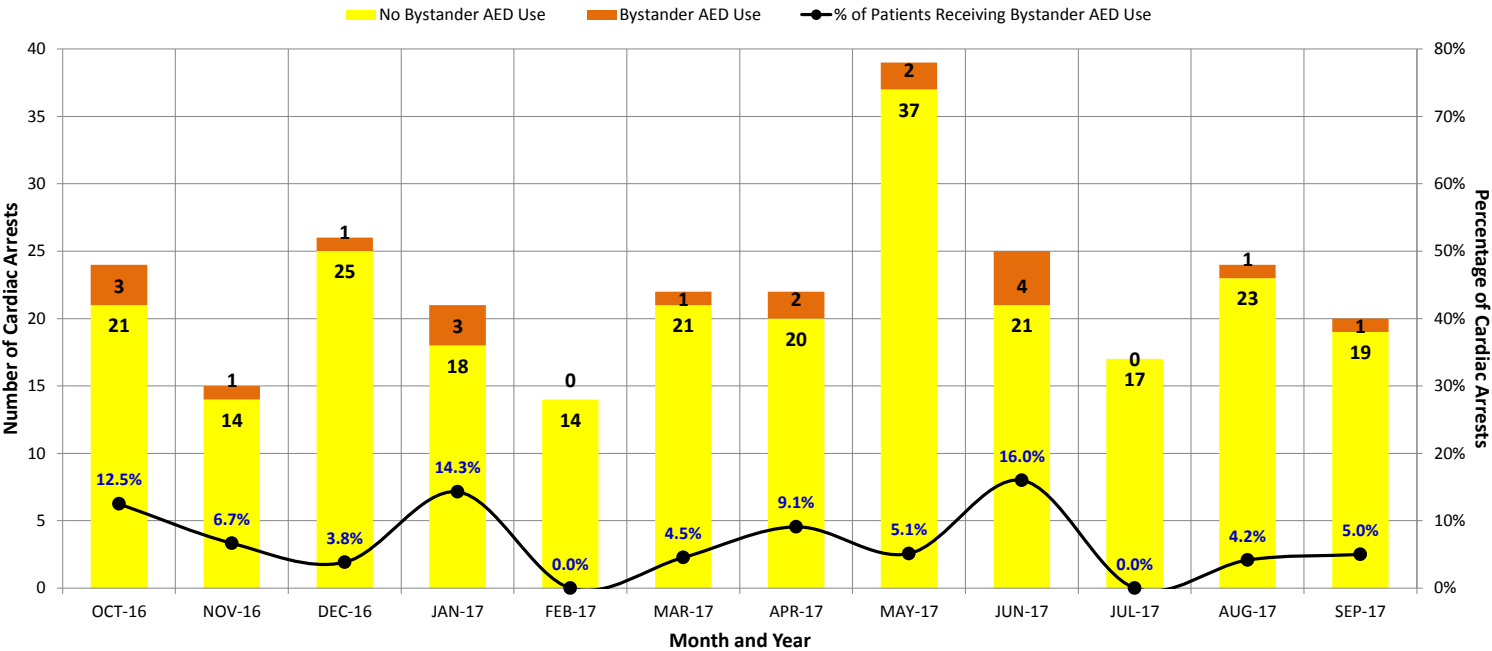


**District of Columbia Fire and Emergency Medical Services Department**  
**Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Month - FY 2017 (10/1/2016 to 9/30/2017)**

**Cardiac Arrests Witnessed by Bystanders (CPR)**

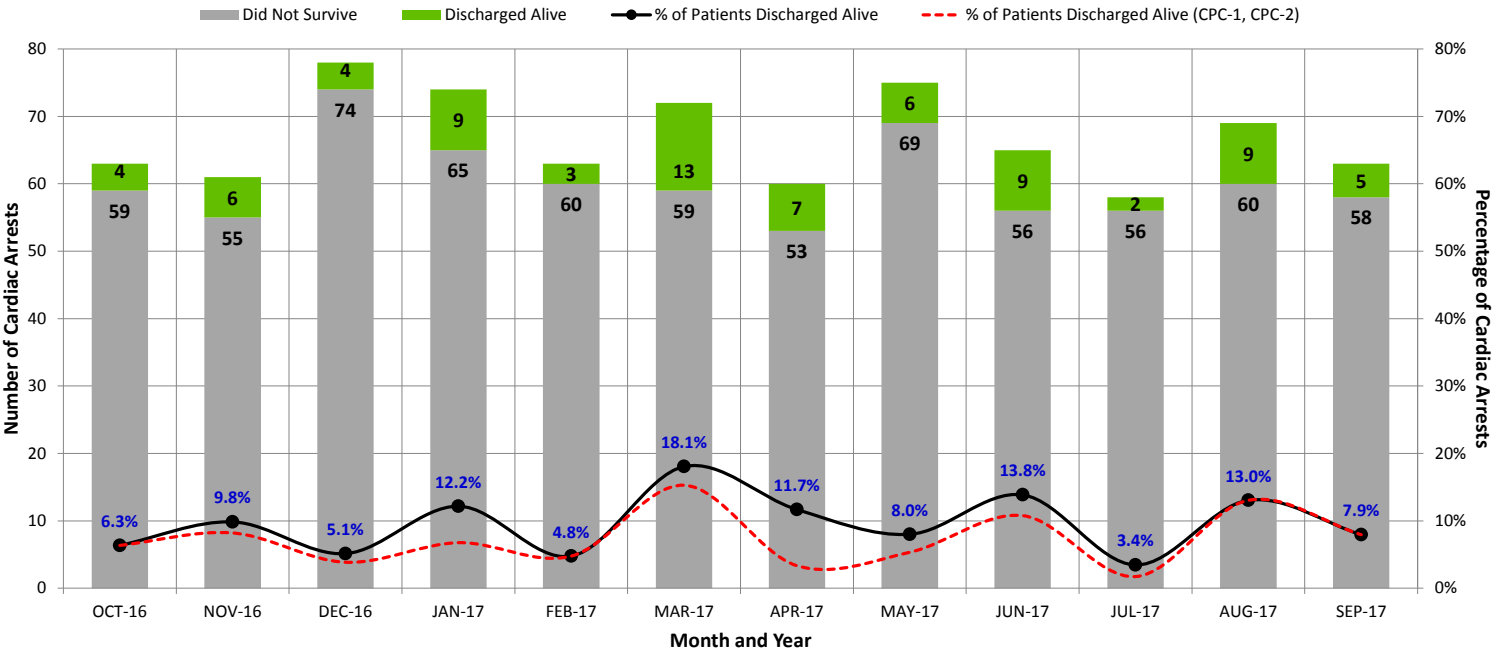


**Cardiac Arrests Witnessed by Bystanders (AED Use)**

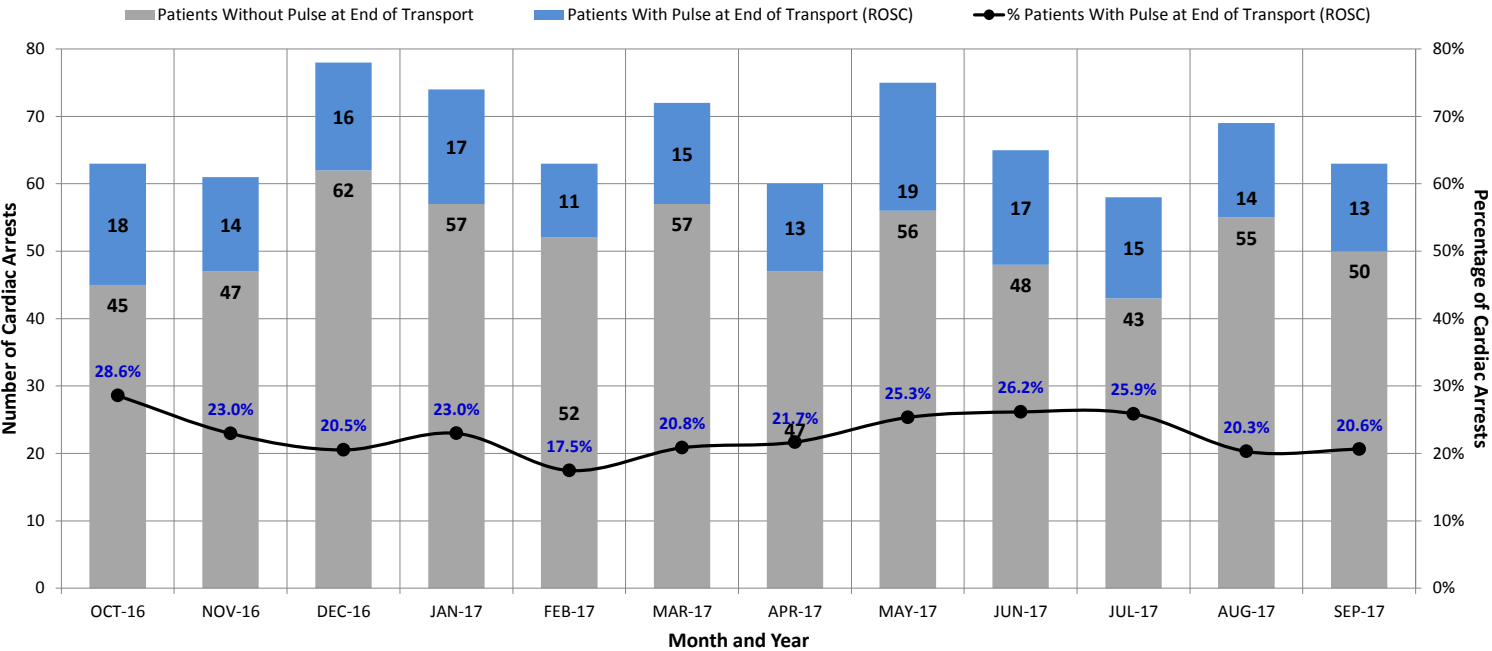


**District of Columbia Fire and Emergency Medical Services Department**  
**Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Month - FY 2017 (10/1/2016 to 9/30/2017)**

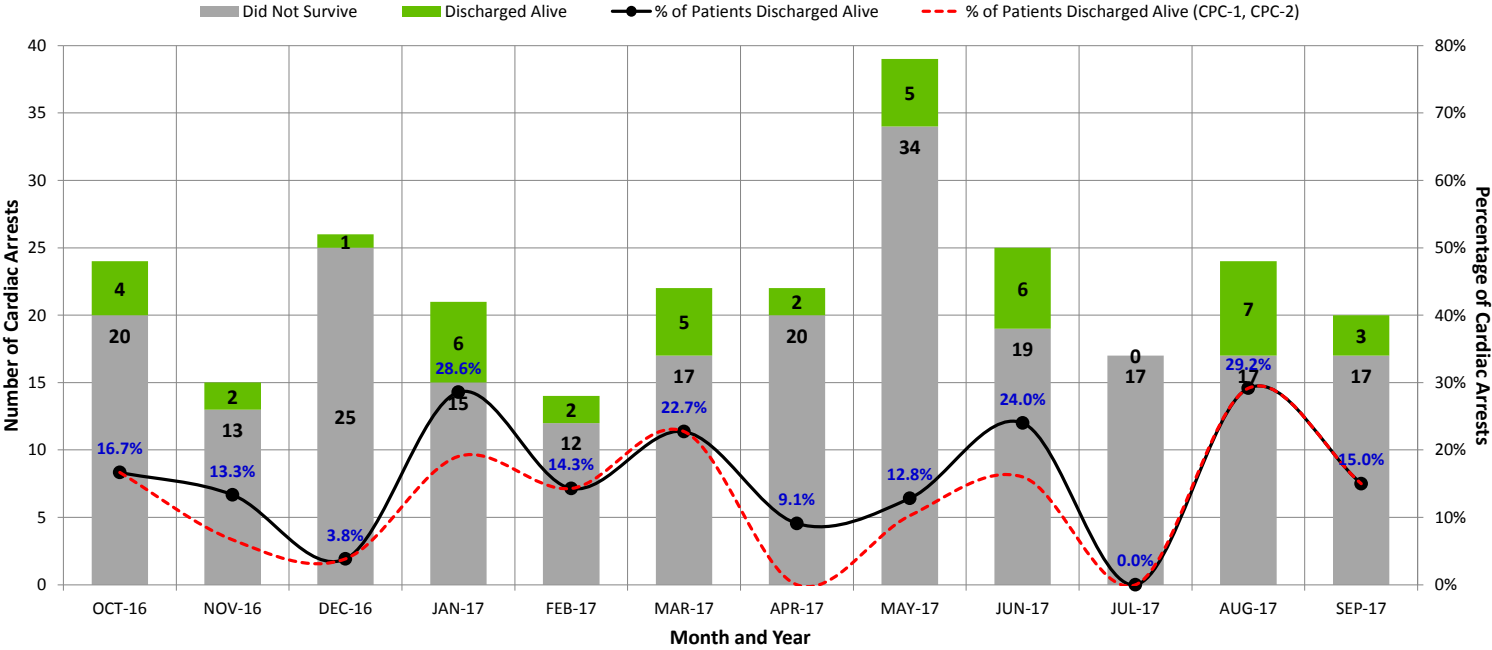
**Panel 1: All Cardiac Arrests (Outcome)**



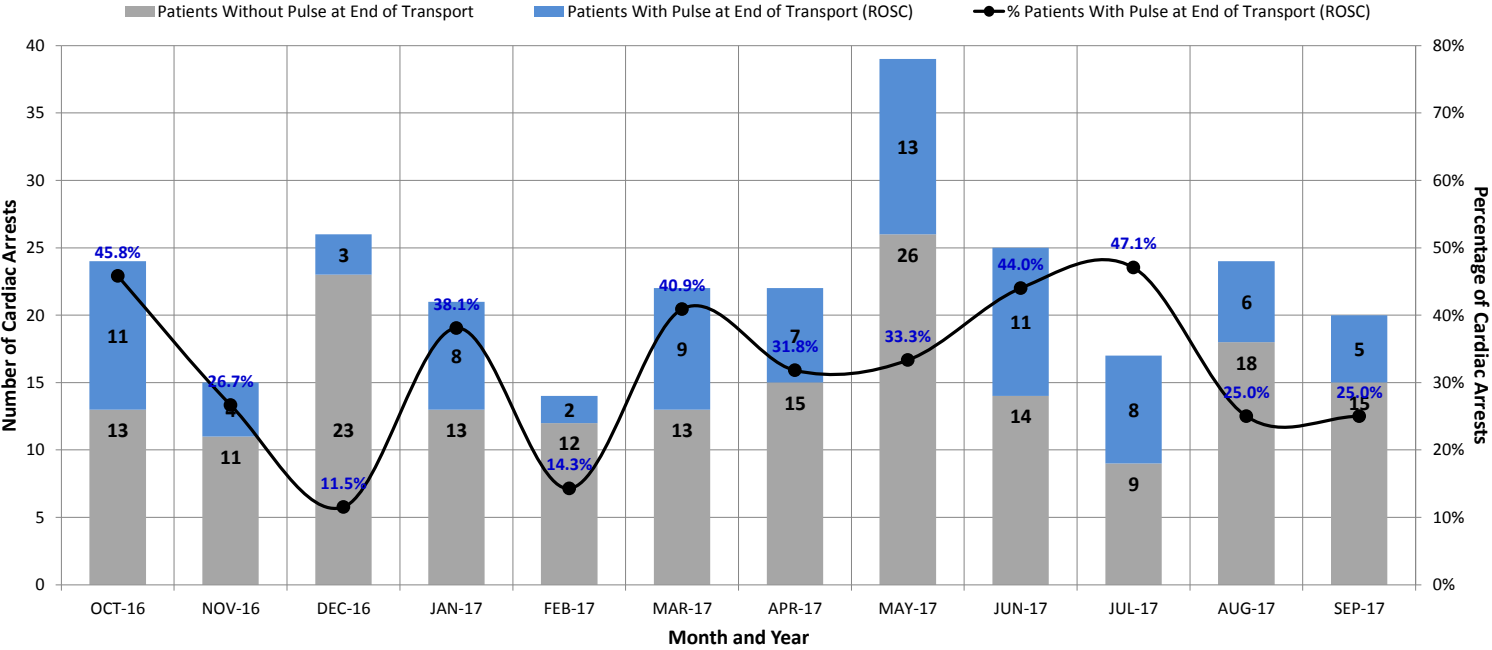
**Panel 1-A: All Cardiac Arrests (ROSC)**



**Panel 2: Cardiac Arrests Witnessed by Bystanders (Outcome)**

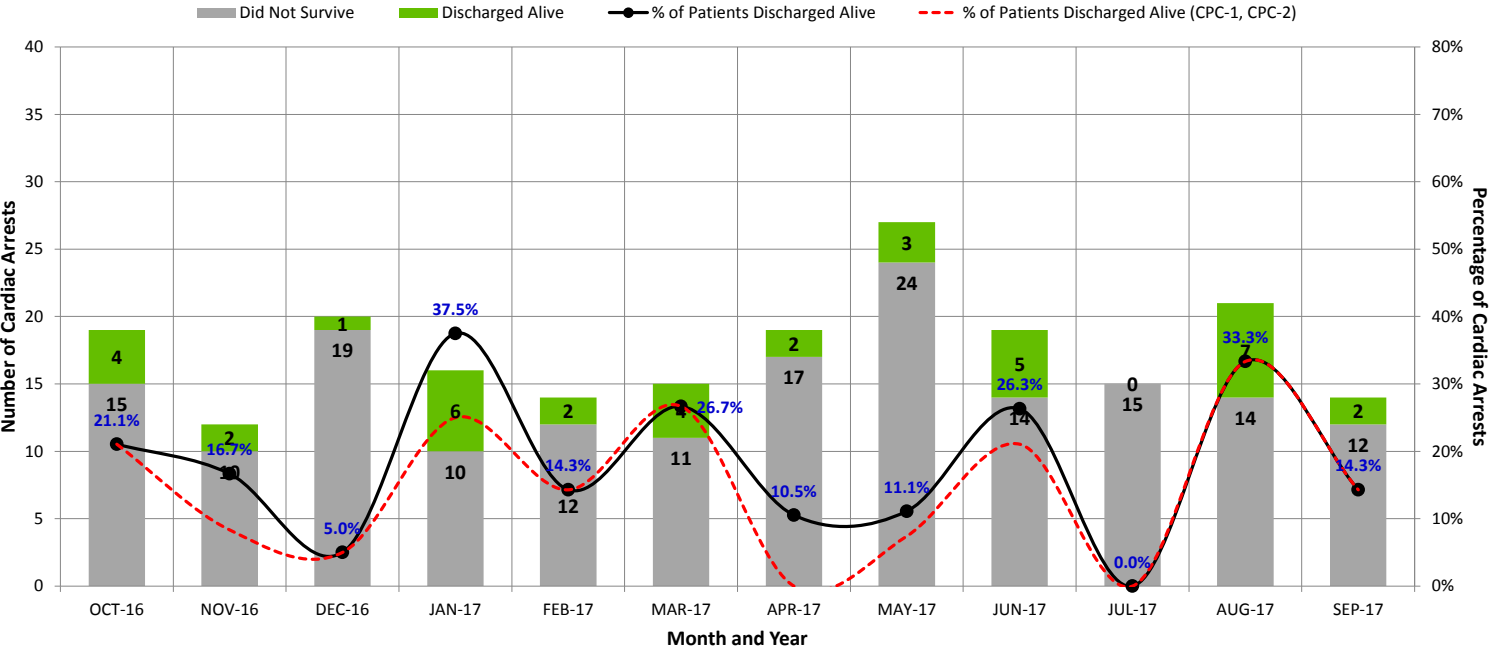


**Panel 2-A: Cardiac Arrests Witnessed by Bystanders (ROSC)**

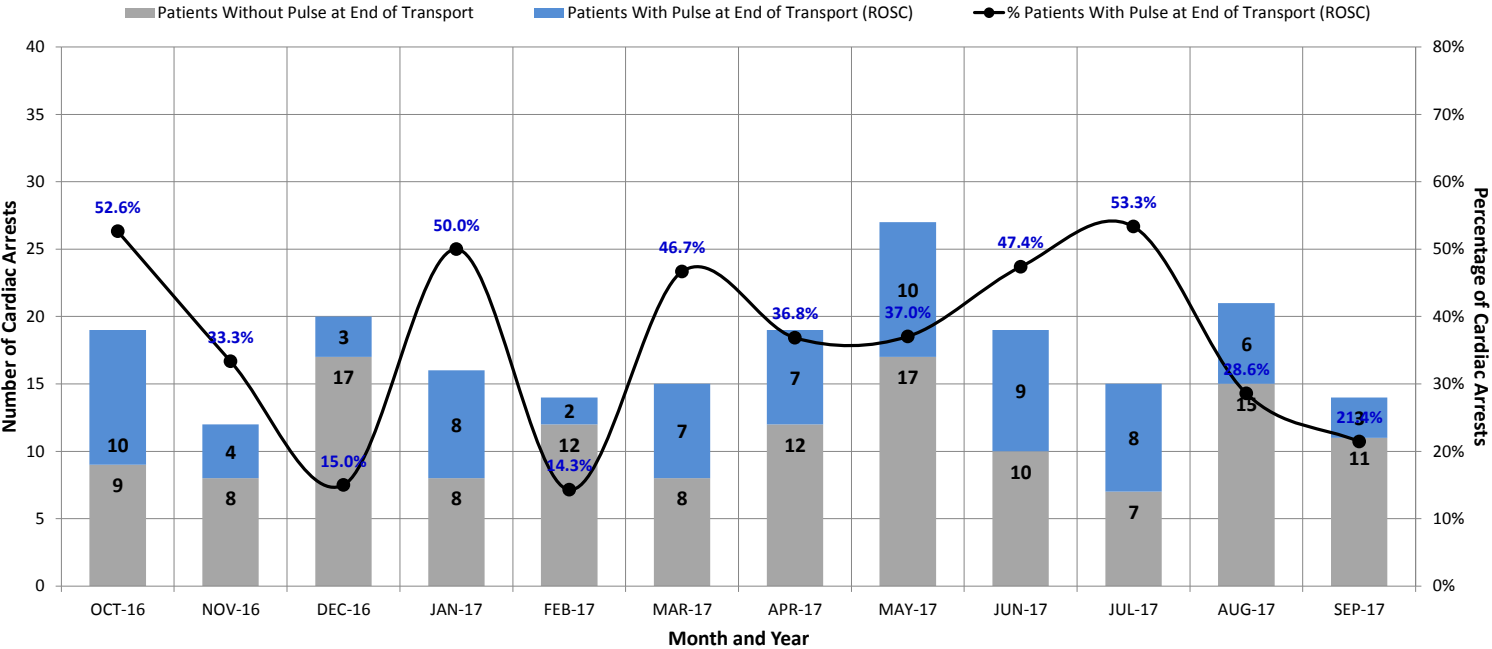


**District of Columbia Fire and Emergency Medical Services Department**  
**Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Month - FY 2017 (10/1/2016 to 9/30/2017)**

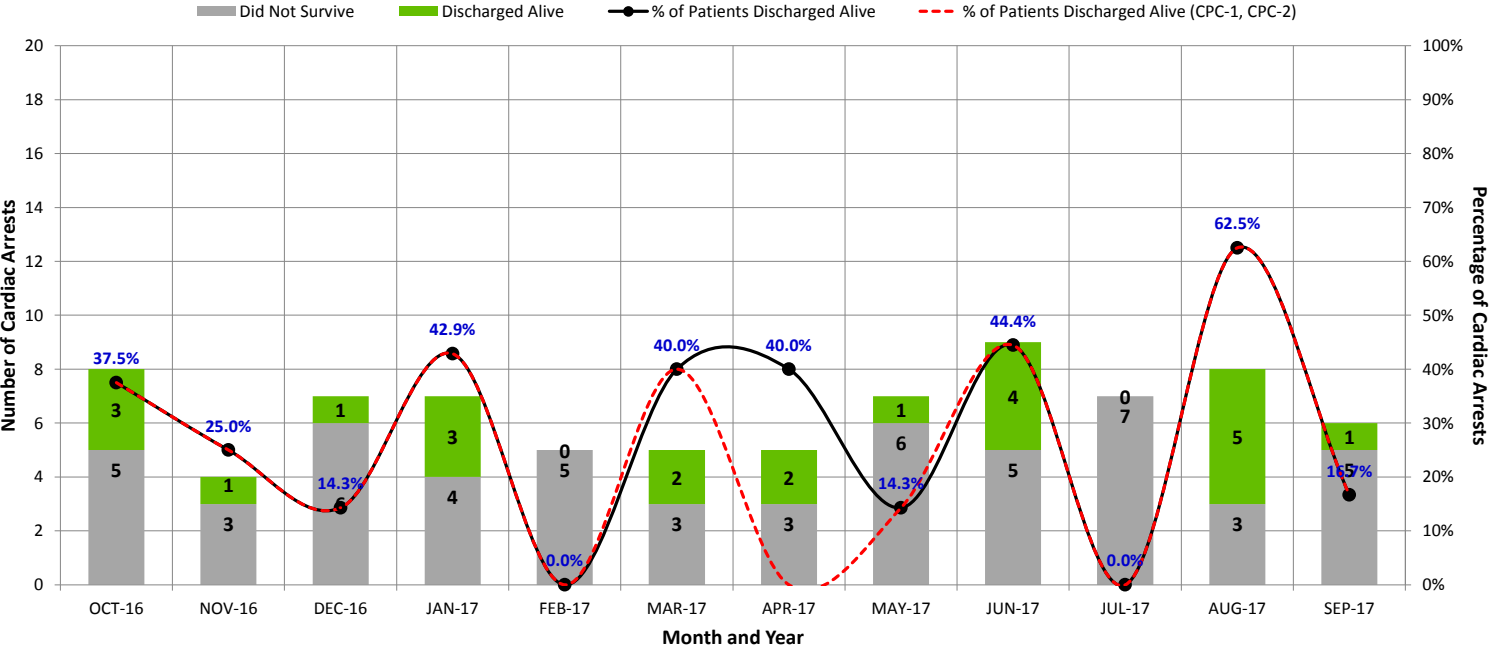
**Panel 3: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (Outcome)**



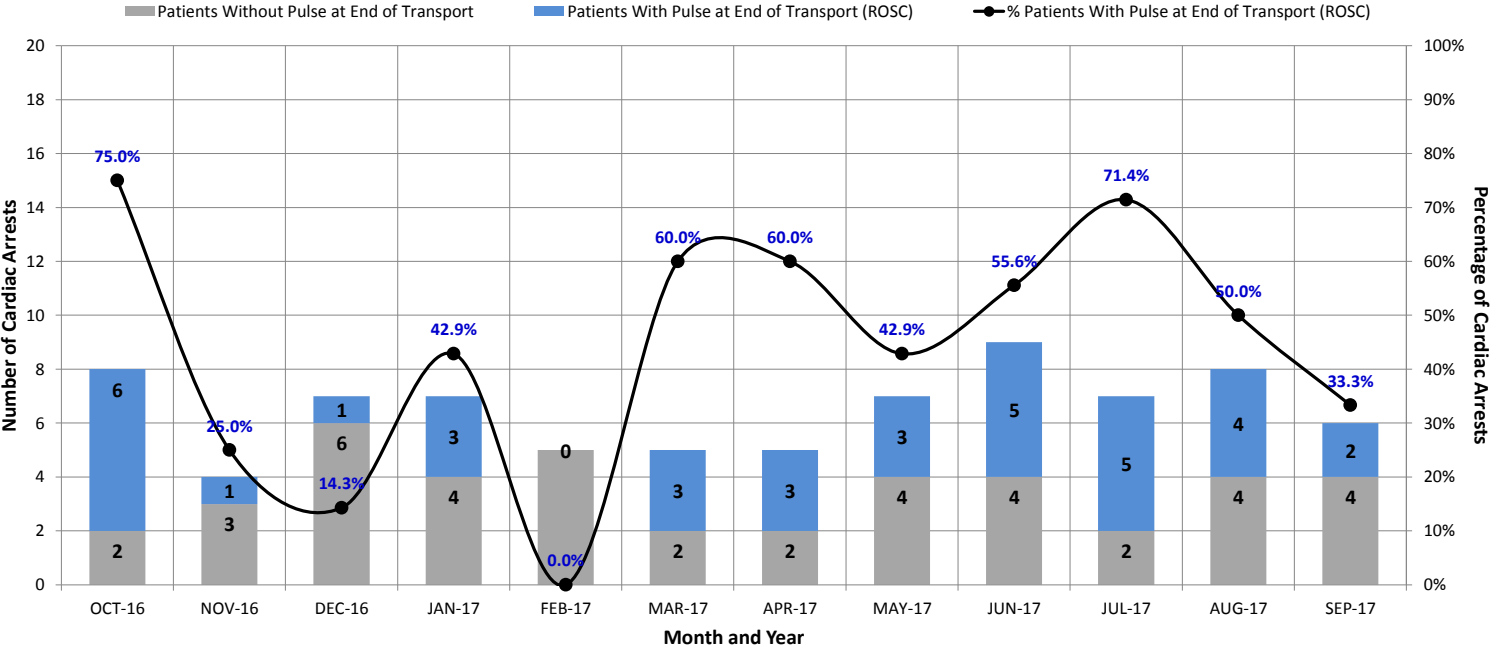
**Panel 3-A: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (ROSC)**



**Panel 4: Cardiac Arrests (Cardiac Etiology/"Shockable" Rhythm) Witnessed by Bystanders (Outcome)**



**Panel 4-A: Cardiac Arrests (Cardiac Etiology/"Shockable" Rhythm) Witnessed by Bystanders (ROSC)**



District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2017 (Q1 to Q4)

Cardiac Arrests Witnessed by Bystanders (CPR) KPI	Q1-FY-17	Q2-FY-17	Q3-FY-17	Q4-FY-17	FY-17 (TOTAL)
Total Cardiac Arrests	202	209	200	190	801
Witnessed Cardiac Arrests	87	88	99	80	354
NOT Witnessed by EMS	65	57	86	61	269
Who Initiated CPR?	0	0	0	0	0
Not Applicable	0	0	0	0	0
Lay Person	12	8	11	6	37
Lay Person Family Member	8	7	14	10	39
Lay Person Medical Provider	8	5	11	2	26
First Responder (non-transport provider)	20	21	24	24	89
Responding EMS Personnel	17	16	26	19	78
CPR Initiated by Bystanders	28	20	36	18	102
CPR Initiated by Bystanders, Limited to Arrest before Arrival of EMS Personnel.	43.1%	35.1%	41.9%	29.5%	37.9%

Cardiac Arrests Witnessed by Bystanders (AED Use) KPI	Q1-FY-17	Q2-FY-17	Q3-FY-17	Q4-FY-17	FY-17 (TOTAL)
Total Cardiac Arrests	202	209	200	190	801
Witnessed Cardiac Arrests	87	88	99	80	354
NOT Witnessed by EMS	65	57	86	61	269
AED applied prior to EMS arrival	21	15	19	9	64
Who Applied AED?					
Lay Person	2	3	1	1	7
Lay Person Family Member	0	0	0	0	0
Lay Person Medical Provider	3	1	7	1	12
First Responder (non-transport provider)	16	11	11	7	45
Police Applied AED	2	2	1	2	7
Unknown					
AED Used by Bystanders	5	4	8	2	19
AED Used by Bystanders, Limited to Arrest before Arrival of EMS Personnel.	7.7%	7.0%	9.3%	3.3%	7.1%

**District of Columbia Fire and Emergency Medical Services Department**  
**Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2017 (Q1 to Q4)**

Panel 1: All Cardiac Arrests (Outcome)	Q1-FY-17	Q2-FY-17	Q3-FY-17	Q4-FY-17	FY-17 (TOTAL)
Total Cardiac Arrests	202	209	200	190	801
Transported to ED	159	155	146	120	580
Pronounced Dead in ED	60	50	45	44	199
Ongoing Resuscitation in ED	99	105	101	76	381
Admitted to Hospital	47	53	55	47	202
Died in Hospital	23	23	30	27	103
Discharged alive	14	23	22	16	75
Discharged alive (CPC-1 or CPC-2)	12	19	13	15	59
Discharged alive (CPC-3, CPC-4 or Unk)	2	4	9	1	16
Died in Hospital after DNR	10	5	3	3	21
Discharged alive after DNR	0	2	0	0	2
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	2	0	0	2
Total Discharged Alive	14	25	22	16	77
Total Discharged Alive (CPC-1 or CPC-2)	12	19	13	15	59
Total Discharged Alive (CPC-3, CPC-4 or Unk)	2	6	9	1	18
Overall Survival Rate.	6.9%	12.0%	11.0%	8.4%	9.6%
Overall Survival Rate (CPC-1 or CPC-2).	5.9%	9.1%	6.5%	7.9%	7.4%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2017 (Q1 to Q4)

Panel 2: Cardiac Arrests Witnessed by Bystanders (Outcome) <b>KPI</b>	Q1-FY-17	Q2-FY-17	Q3-FY-17	Q4-FY-17	FY-17 (TOTAL)
Total Cardiac Arrests	202	209	200	190	801
Witnessed Cardiac Arrests	87	88	99	80	354
<b>NOT Witnessed by EMS</b>	<b>65</b>	<b>57</b>	<b>86</b>	<b>61</b>	<b>269</b>
<b>Transported to ED</b>	<b>59</b>	<b>50</b>	<b>68</b>	<b>50</b>	<b>227</b>
Pronounced Dead in ED	16	15	17	14	62
Ongoing Resuscitation in ED	43	35	51	36	165
<b>Admitted to Hospital</b>	<b>17</b>	<b>21</b>	<b>32</b>	<b>26</b>	<b>96</b>
Died in Hospital	8	7	17	15	47
Discharged alive	7	12	13	10	42
Discharged alive (CPC-1 or CPC-2)	6	11	8	10	35
Discharged alive (CPC-3, CPC-4 or Unk)	1	1	5	0	7
Died in Hospital after DNR	2	1	2	1	6
Discharged alive after DNR	0	1	0	0	1
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	1	0	0	1
<b>Total Discharged Alive</b>	<b>7</b>	<b>13</b>	<b>13</b>	<b>10</b>	<b>43</b>
<b>Total Discharged Alive (CPC-1 or CPC-2)</b>	<b>6</b>	<b>11</b>	<b>8</b>	<b>10</b>	<b>35</b>
<b>Total Discharged Alive (CPC-3, CPC-4 or Unk)</b>	<b>1</b>	<b>2</b>	<b>5</b>	<b>0</b>	<b>8</b>
<b>Overall Survival Rate.</b>	<b>10.8%</b>	<b>22.8%</b>	<b>15.1%</b>	<b>16.4%</b>	<b>16.0%</b>
<b>Overall Survival Rate (CPC-1 or CPC-2).</b>	<b>9.2%</b>	<b>19.3%</b>	<b>9.3%</b>	<b>16.4%</b>	<b>13.0%</b>

**District of Columbia Fire and Emergency Medical Services Department**  
**Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2017 (Q1 to Q4)**

<b>Panel 3: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (Outcome)</b>	<b>Q1-FY-17</b>	<b>Q2-FY-17</b>	<b>Q3-FY-17</b>	<b>Q4-FY-17</b>	<b>FY-17 (TOTAL)</b>
Total Cardiac Arrests	202	209	200	190	801
Witnessed Cardiac Arrests	87	88	99	80	354
NOT Witnessed by EMS	65	57	86	61	269
<b>Presumed Cardiac Etiology</b>	<b>51</b>	<b>45</b>	<b>65</b>	<b>50</b>	<b>211</b>
<b>Transported to ED</b>	<b>48</b>	<b>42</b>	<b>52</b>	<b>43</b>	<b>185</b>
Pronounced Dead in ED	12	14	11	12	49
Ongoing Resuscitation in ED	36	28	41	31	136
<b>Admitted to Hospital</b>	<b>16</b>	<b>19</b>	<b>28</b>	<b>23</b>	<b>86</b>
Died in Hospital	8	6	17	13	44
Discharged alive	7	11	10	9	37
Discharged alive (CPC-1 or CPC-2)	6	10	6	9	31
Discharged alive (CPC-3, CPC-4 or Unk)	1	1	4	0	6
Died in Hospital after DNR	1	1	1	1	4
Discharged alive after DNR	0	1	0	0	1
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	1	0	0	1
<b>Total Discharged Alive</b>	<b>7</b>	<b>12</b>	<b>10</b>	<b>9</b>	<b>38</b>
<b>Total Discharged Alive (CPC-1 or CPC-2)</b>	<b>6</b>	<b>10</b>	<b>6</b>	<b>9</b>	<b>31</b>
<b>Total Discharged Alive (CPC-3, CPC-4 or Unk)</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>7</b>
<b>Overall Survival Rate.</b>	<b>13.7%</b>	<b>26.7%</b>	<b>15.4%</b>	<b>18.0%</b>	<b>18.0%</b>
<b>Overall Survival Rate (CPC-1 or CPC-2).</b>	<b>11.8%</b>	<b>22.2%</b>	<b>9.2%</b>	<b>18.0%</b>	<b>14.7%</b>

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2017 (Q1 to Q4)

Panel 4: Cardiac Arrests (Cardiac Etiology/“Shockable” Rhythm) Witnessed by Bystanders (Outcome) KPI	Q1-FY-17	Q2-FY-17	Q3-FY-17	Q4-FY-17	FY-17 (TOTAL)
Total Cardiac Arrests	202	209	200	190	801
Witnessed Cardiac Arrests	87	88	99	80	354
NOT Witnessed by EMS	65	57	86	61	269
Presumed Cardiac Etiology	51	45	65	50	211
“Shockable” Rhythm (VFib/VTach/Unk)	19	17	21	21	78
Transported to ED	19	17	21	21	78
Pronounced Dead in ED	5	4	6	4	19
Ongoing Resuscitation in ED	14	13	15	17	59
Admitted to Hospital	8	8	10	13	39
Died in Hospital	3	3	3	7	16
Discharged alive	5	5	7	6	23
Discharged alive (CPC-1 or CPC-2)	5	5	5	6	21
Discharged alive (CPC-3, CPC-4 or Unk)	0	0	2	0	2
Died in Hospital after DNR	0	0	0	0	0
Discharged alive after DNR	0	0	0	0	0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0	0	0
Total Discharged Alive	5	5	7	6	23
Total Discharged Alive (CPC-1 or CPC-2)	5	5	5	6	21
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	0	2	0	2
Overall Survival Rate.	26.3%	29.4%	33.3%	28.6%	29.5%
Overall Survival Rate (CPC-1 or CPC-2).	26.3%	29.4%	23.8%	28.6%	26.9%



**District of Columbia Fire and Emergency Medical Services Department**  
**Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2017 (Q1 to Q4)**

Panel 1-A: All Cardiac Arrests (ROSC)	Q1-FY-17	Q2-FY-17	Q3-FY-17	Q4-FY-17	FY-17 (TOTAL)
<b>Total Cardiac Arrests</b>	<b>202</b>	<b>209</b>	<b>200</b>	<b>190</b>	<b>801</b>
Pronounced Dead Before Transport	43	54	54	70	221
<b>Transported to ED</b>	<b>159</b>	<b>155</b>	<b>146</b>	<b>120</b>	<b>580</b>
Pulseless at End of Transport	111	112	97	78	398
<b>Pulse at End of Transport</b>	<b>48</b>	<b>43</b>	<b>49</b>	<b>42</b>	<b>182</b>
Pronounced Dead in ED	0	3	1	1	5
Ongoing Resuscitation in ED	48	40	48	41	177
<b>Admitted to Hospital</b>	<b>34</b>	<b>33</b>	<b>37</b>	<b>34</b>	<b>138</b>
Died in Hospital	16	11	16	18	61
Discharged alive	12	17	19	12	60
Discharged alive (CPC-1 or CPC-2)	10	13	12	11	46
Discharged alive (CPC-3, CPC-4 or Unk)	2	4	7	1	14
Died in Hospital after DNR	6	4	2	3	15
Discharged alive after DNR	0	1	0	0	1
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	1	0	0	1
<b>Total Discharged Alive</b>	<b>12</b>	<b>18</b>	<b>19</b>	<b>12</b>	<b>61</b>
<b>Total Discharged Alive (CPC-1 or CPC-2)</b>	<b>10</b>	<b>13</b>	<b>12</b>	<b>11</b>	<b>46</b>
<b>Total Discharged Alive (CPC-3, CPC-4 or Unk)</b>	<b>2</b>	<b>5</b>	<b>7</b>	<b>1</b>	<b>15</b>
<b>Pulse at End of Transport (Pre-Hospital ROSC rate).</b>	<b>23.8%</b>	<b>20.6%</b>	<b>24.5%</b>	<b>22.1%</b>	<b>22.7%</b>
<b>Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.</b>	<b>35.3%</b>	<b>54.5%</b>	<b>51.4%</b>	<b>35.3%</b>	<b>44.2%</b>
<b>Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).</b>	<b>29.4%</b>	<b>39.4%</b>	<b>32.4%</b>	<b>32.4%</b>	<b>33.3%</b>

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2017 (Q1 to Q4)

Panel 2-A: Cardiac Arrests Witnessed by Bystanders (ROSC)	Q1-FY-17	Q2-FY-17	Q3-FY-17	Q4-FY-17	FY-17 (TOTAL)
Total Cardiac Arrests	202	209	200	190	801
Witnessed Cardiac Arrests	87	88	99	80	354
NOT Witnessed by EMS	65	57	86	61	269
Pronounced Dead Before Transport	6	7	18	11	42
Transported to ED	59	50	68	50	227
Pulseless at End of Transport	41	31	37	31	140
Pulse at End of Transport	18	19	31	19	87
Pronounced Dead in ED	0	1	1	0	2
Ongoing Resuscitation in ED	18	18	30	19	85
Admitted to Hospital	13	17	23	16	69
Died in Hospital	4	6	11	9	30
Discharged alive	7	9	11	6	33
Discharged alive (CPC-1 or CPC-2)	6	8	7	6	27
Discharged alive (CPC-3, CPC-4 or Unk)	1	1	4	0	6
Died in Hospital after DNR	2	1	1	1	5
Discharged alive after DNR	0	1	0	0	1
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	1	0	0	1
Total Discharged Alive	7	10	11	6	34
Total Discharged Alive (CPC-1 or CPC-2)	6	8	7	6	27
Total Discharged Alive (CPC-3, CPC-4 or Unk)	1	2	4	0	7
Pulse at End of Transport (Pre-Hospital ROSC rate).	27.7%	33.3%	36.0%	31.1%	32.3%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	53.8%	58.8%	47.8%	37.5%	49.3%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	46.2%	47.1%	30.4%	37.5%	39.1%

# District of Columbia Fire and Emergency Medical Services Department

## Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2017 (Q1 to Q4)

<b>Panel 3-A: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (ROSC)</b>	<b>Q1-FY-17</b>	<b>Q2-FY-17</b>	<b>Q3-FY-17</b>	<b>Q4-FY-17</b>	<b>FY-17 (TOTAL)</b>
Total Cardiac Arrests	202	209	200	190	801
Witnessed Cardiac Arrests	87	88	99	80	354
NOT Witnessed by EMS	65	57	86	61	269
<b>Presumed Cardiac Etiology</b>	<b>51</b>	<b>45</b>	<b>65</b>	<b>50</b>	<b>211</b>
Pronounced Dead Before Transport	3	3	13	7	26
<b>Transported to ED</b>	<b>48</b>	<b>42</b>	<b>52</b>	<b>43</b>	<b>185</b>
Pulseless at End of Transport	31	25	26	26	108
<b>Pulse at End of Transport</b>	<b>17</b>	<b>17</b>	<b>26</b>	<b>17</b>	<b>77</b>
Pronounced Dead in ED	0	1	1	0	2
Ongoing Resuscitation in ED	17	16	25	17	75
<b>Admitted to Hospital</b>	<b>12</b>	<b>15</b>	<b>19</b>	<b>14</b>	<b>60</b>
Died in Hospital	4	5	11	8	28
Discharged alive	7	8	8	5	28
Discharged alive (CPC-1 or CPC-2)	6	7	5	5	23
Discharged alive (CPC-3, CPC-4 or Unk)	1	1	3	0	5
Died in Hospital after DNR	1	1	0	1	3
Discharged alive after DNR	0	1	0	0	1
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	1	0	0	1
<b>Total Discharged Alive</b>	<b>7</b>	<b>9</b>	<b>8</b>	<b>5</b>	<b>29</b>
<b>Total Discharged Alive (CPC-1 or CPC-2)</b>	<b>6</b>	<b>7</b>	<b>5</b>	<b>5</b>	<b>23</b>
<b>Total Discharged Alive (CPC-3, CPC-4 or Unk)</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>6</b>
<b>Pulse at End of Transport (Pre-Hospital ROSC rate).</b>	<b>33.3%</b>	<b>37.8%</b>	<b>40.0%</b>	<b>34.0%</b>	<b>36.5%</b>
<b>Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.</b>	<b>58.3%</b>	<b>60.0%</b>	<b>42.1%</b>	<b>35.7%</b>	<b>48.3%</b>
<b>Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).</b>	<b>50.0%</b>	<b>46.7%</b>	<b>26.3%</b>	<b>35.7%</b>	<b>38.3%</b>

# District of Columbia Fire and Emergency Medical Services Department

## Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2017 (Q1 to Q4)

<b>Panel 4-A: Cardiac Arrests (Cardiac Etiology/"Shockable" Rhythm) Witnessed by Bystanders (ROSC)</b>	<b>Q1-FY-17</b>	<b>Q2-FY-17</b>	<b>Q3-FY-17</b>	<b>Q4-FY-17</b>	<b>FY-17 (TOTAL)</b>
Total Cardiac Arrests	202	209	200	190	801
Witnessed Cardiac Arrests	87	88	99	80	354
NOT Witnessed by EMS	65	57	86	61	269
Presumed Cardiac Etiology	51	45	65	50	211
<b>"Shockable" Rhythm (VFib/VTach/Unk)</b>	<b>19</b>	<b>17</b>	<b>21</b>	<b>21</b>	<b>78</b>
Pronounced Dead Before Transport	0	0	0	0	0
<b>Transported to ED</b>	<b>19</b>	<b>17</b>	<b>21</b>	<b>21</b>	<b>78</b>
Pulseless at End of Transport	11	11	10	10	42
<b>Pulse at End of Transport</b>	<b>8</b>	<b>6</b>	<b>11</b>	<b>11</b>	<b>36</b>
Pronounced Dead in ED	0	0	0	0	0
Ongoing Resuscitation in ED	8	6	11	11	36
<b>Admitted to Hospital</b>	<b>7</b>	<b>6</b>	<b>7</b>	<b>10</b>	<b>30</b>
Died in Hospital	2	2	2	5	11
Discharged alive	5	4	5	5	19
Discharged alive (CPC-1 or CPC-2)	5	4	4	5	18
Discharged alive (CPC-3, CPC-4 or Unk)	0	0	1	0	1
Died in Hospital after DNR	0	0	0	0	0
Discharged alive after DNR	0	0	0	0	0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0	0	0
<b>Total Discharged Alive</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>5</b>	<b>19</b>
<b>Total Discharged Alive (CPC-1 or CPC-2)</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>5</b>	<b>18</b>
<b>Total Discharged Alive (CPC-3, CPC-4 or Unk)</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>
<b>Pulse at End of Transport (Pre-Hospital ROSC rate).</b>	<b>42.1%</b>	<b>35.3%</b>	<b>52.4%</b>	<b>52.4%</b>	<b>46.2%</b>
<b>Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.</b>	<b>71.4%</b>	<b>66.7%</b>	<b>71.4%</b>	<b>50.0%</b>	<b>63.3%</b>
<b>Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).</b>	<b>71.4%</b>	<b>66.7%</b>	<b>57.1%</b>	<b>50.0%</b>	<b>60.0%</b>

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2017 (10/1/2016 to 9/30/2017)

Cardiac Arrests Witnessed by Bystanders (CPR) <span>KPI</span>	OCT-16	NOV-16	DEC-16	JAN-17	FEB-17	MAR-17	APR-17	MAY-17	JUN-17	JUL-17	AUG-17	SEP-17	FY-17 (FINAL)
Total Cardiac Arrests	63	61	78	74	63	72	60	75	65	58	69	63	801
Witnessed Cardiac Arrests	32	21	34	32	24	32	28	43	28	23	28	29	354
NOT Witnessed by EMS	24	15	26	21	14	22	22	39	25	17	24	20	269
Who Initiated CPR?													
Not Applicable	0	0	0	0	0	0	0	0	0	0	0	0	0
Lay Person	5	3	4	4	2	2	2	6	3	0	4	2	37
Lay Person Family Member	3	1	4	2	0	5	4	7	3	4	4	2	39
Lay Person Medical Provider	3	2	3	2	2	1	2	5	4	1	0	1	26
First Responder (non-transport provider)	7	6	7	6	6	9	7	11	6	7	10	7	89
Responding EMS Personnel	6	3	8	7	4	5	7	10	9	5	6	8	78
CPR Initiated by Bystanders	11	6	11	8	4	8	8	18	10	5	8	5	102
CPR Initiated by Bystanders, Limited to Arrest before Arrival of EMS Personnel.	45.8%	40.0%	42.3%	38.1%	28.6%	36.4%	36.4%	46.2%	40.0%	29.4%	33.3%	25.0%	37.9%

Cardiac Arrests Witnessed by Bystanders (AED Use) <span>KPI</span>	OCT-16	NOV-16	DEC-16	JAN-17	FEB-17	MAR-17	APR-17	MAY-17	JUN-17	JUL-17	AUG-17	SEP-17	FY-17 (FINAL)
Total Cardiac Arrests	63	61	78	74	63	72	60	75	65	58	69	63	801
Witnessed Cardiac Arrests	32	21	34	32	24	32	28	43	28	23	28	29	354
NOT Witnessed by EMS	24	15	26	21	14	22	22	39	25	17	24	20	269
AED applied prior to EMS arrival	8	6	7	6	3	6	6	4	9	2	4	3	64
Who Applied AED?													0
Lay Person	0	1	1	2	0	1	0	1	0	0	1	0	7
Lay Person Family Member	0	0	0	0	0	0	0	0	0	0	0	0	0
Lay Person Medical Provider	3	0	0	1	0	0	2	1	4	0	0	1	12
First Responder (non-transport provider)	5	5	6	3	3	5	4	2	5	2	3	2	45
Police Applied AED	1	1	0	1	1	0	0	1	0	0	2	0	7
Unknown													0
AED Used by Bystanders	3	1	1	3	0	1	2	2	4	0	1	1	19
AED Used by Bystanders, Limited to Arrest before Arrival of EMS Personnel.	12.5%	6.7%	3.8%	14.3%	0.0%	4.5%	9.1%	5.1%	16.0%	0.0%	4.2%	5.0%	7.1%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2017 (10/1/2016 to 9/30/2017)

Panel 1: All Cardiac Arrests (Outcome)	OCT-16	NOV-16	DEC-16	JAN-17	FEB-17	MAR-17	APR-17	MAY-17	JUN-17	JUL-17	AUG-17	SEP-17	FY-17 (FINAL)
Total Cardiac Arrests	63	61	78	74	63	72	60	75	65	58	69	63	801
Transported to ED	50	49	60	55	46	54	43	57	46	40	40	40	580
Pronounced Dead in ED	16	20	24	12	23	15	10	20	15	15	14	15	199
Ongoing Resuscitation in ED	34	29	36	43	23	39	33	37	31	25	26	25	381
Admitted to Hospital	16	14	17	20	9	24	16	19	20	17	19	11	202
Died in Hospital	8	6	9	10	2	11	9	11	10	15	7	5	103
Discharged alive	4	6	4	8	3	12	7	6	9	2	9	5	75
Discharged alive (CPC-1 or CPC-2)	4	5	3	5	3	11	2	4	7	1	9	5	59
Discharged alive (CPC-3, CPC-4 or Unk)	0	1	1	3	0	1	5	2	2	1	0	0	16
Died in Hospital after DNR	4	2	4	1	4	0	0	2	1	0	3	0	21
Discharged alive after DNR	0	0	0	1	0	1	0	0	0	0	0	0	2
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0	1	0	1	0	0	0	0	0	0	2
Total Discharged Alive	4	6	4	9	3	13	7	6	9	2	9	5	77
Total Discharged Alive (CPC-1 or CPC-2)	4	5	3	5	3	11	2	4	7	1	9	5	59
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	1	1	4	0	2	5	2	2	1	0	0	18
Overall Survival Rate.	6.3%	9.8%	5.1%	12.2%	4.8%	18.1%	11.7%	8.0%	13.8%	3.4%	13.0%	7.9%	9.6%
Overall Survival Rate (CPC-1 or CPC-2).	6.3%	8.2%	3.8%	6.8%	4.8%	15.3%	3.3%	5.3%	10.8%	1.7%	13.0%	7.9%	7.4%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2017 (10/1/2016 to 9/30/2017)

Panel 2: Cardiac Arrests Witnessed by Bystanders (Outcome) <span>KPI</span>	OCT-16	NOV-16	DEC-16	JAN-17	FEB-17	MAR-17	APR-17	MAY-17	JUN-17	JUL-17	AUG-17	SEP-17	FY-17 (FINAL)
Total Cardiac Arrests	63	61	78	74	63	72	60	75	65	58	69	63	801
Witnessed Cardiac Arrests	32	21	34	32	24	32	28	43	28	23	28	29	354
<span>NOT Witnessed by EMS</span>	<span>24</span>	<span>15</span>	<span>26</span>	<span>21</span>	<span>14</span>	<span>22</span>	<span>22</span>	<span>39</span>	<span>25</span>	<span>17</span>	<span>24</span>	<span>20</span>	<span>269</span>
Transported to ED	21	15	23	20	12	18	18	30	20	16	18	16	227
Pronounced Dead in ED	1	6	9	5	6	4	3	8	6	4	5	5	62
Ongoing Resuscitation in ED	20	9	14	15	6	14	15	22	14	12	13	11	165
Admitted to Hospital	8	4	5	9	3	9	8	12	12	11	11	4	96
Died in Hospital	3	2	3	2	1	4	6	6	5	11	3	1	47
Discharged alive	4	2	1	5	2	5	2	5	6	0	7	3	42
Discharged alive (CPC-1 or CPC-2)	4	1	1	4	2	5	0	4	4	0	7	3	35
Discharged alive (CPC-3, CPC-4 or Unk)	0	1	0	1	0	0	2	1	2	0	0	0	7
Died in Hospital after DNR	1	0	1	1	0	0	0	1	1	0	1	0	6
Discharged alive after DNR	0	0	0	1	0	0	0	0	0	0	0	0	1
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0	1	0	0	0	0	0	0	0	0	1
Total Discharged Alive	4	2	1	6	2	5	2	5	6	0	7	3	43
<span>Total Discharged Alive (CPC-1 or CPC-2)</span>	<span>4</span>	<span>1</span>	<span>1</span>	<span>4</span>	<span>2</span>	<span>5</span>	<span>0</span>	<span>4</span>	<span>4</span>	<span>0</span>	<span>7</span>	<span>3</span>	<span>35</span>
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	1	0	2	0	0	2	1	2	0	0	0	8
Overall Survival Rate.	16.7%	13.3%	3.8%	28.6%	14.3%	22.7%	9.1%	12.8%	24.0%	0.0%	29.2%	15.0%	16.0%
<span>Overall Survival Rate (CPC-1 or CPC-2).</span>	<span>16.7%</span>	<span>6.7%</span>	<span>3.8%</span>	<span>19.0%</span>	<span>14.3%</span>	<span>22.7%</span>	<span>0.0%</span>	<span>10.3%</span>	<span>16.0%</span>	<span>0.0%</span>	<span>29.2%</span>	<span>15.0%</span>	<span>13.0%</span>

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2017 (10/1/2016 to 9/30/2017)

Panel 3: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (Outcome)	OCT-16	NOV-16	DEC-16	JAN-17	FEB-17	MAR-17	APR-17	MAY-17	JUN-17	JUL-17	AUG-17	SEP-17	FY-17 (FINAL)
Total Cardiac Arrests	63	61	78	74	63	72	60	75	65	58	69	63	801
Witnessed Cardiac Arrests	32	21	34	32	24	32	28	43	28	23	28	29	354
NOT Witnessed by EMS	24	15	26	21	14	22	22	39	25	17	24	20	269
Presumed Cardiac Etiology	19	12	20	16	14	15	19	27	19	15	21	14	211
Transported to ED	18	12	18	16	12	14	15	21	16	14	17	12	185
Pronounced Dead in ED	1	4	7	5	6	3	2	5	4	3	5	4	49
Ongoing Resuscitation in ED	17	8	11	11	6	11	13	16	12	11	12	8	136
Admitted to Hospital	7	4	5	9	3	7	8	10	10	10	11	2	86
Died in Hospital	3	2	3	2	1	3	6	6	5	10	3	0	44
Discharged alive	4	2	1	5	2	4	2	3	5	0	7	2	37
Discharged alive (CPC-1 or CPC-2)	4	1	1	4	2	4	0	2	4	0	7	2	31
Discharged alive (CPC-3, CPC-4 or Unk)	0	1	0	1	0	0	2	1	1	0	0	0	6
Died in Hospital after DNR	0	0	1	1	0	0	0	1	0	0	1	0	4
Discharged alive after DNR	0	0	0	1	0	0	0	0	0	0	0	0	1
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0	1	0	0	0	0	0	0	0	0	1
Total Discharged Alive	4	2	1	6	2	4	2	3	5	0	7	2	38
Total Discharged Alive (CPC-1 or CPC-2)	4	1	1	4	2	4	0	2	4	0	7	2	31
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	1	0	2	0	0	2	1	1	0	0	0	7
Overall Survival Rate.	21.1%	16.7%	5.0%	37.5%	14.3%	26.7%	10.5%	11.1%	26.3%	0.0%	33.3%	14.3%	18.0%
Overall Survival Rate (CPC-1 or CPC-2).	21.1%	8.3%	5.0%	25.0%	14.3%	26.7%	0.0%	7.4%	21.1%	0.0%	33.3%	14.3%	14.7%



District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2017 (10/1/2016 to 9/30/2017)

Panel 4: Cardiac Arrests (Cardiac Etiology/“Shockable” Rhythm) Witnessed by Bystanders (Outcome) <span>KPI</span>	OCT-16	NOV-16	DEC-16	JAN-17	FEB-17	MAR-17	APR-17	MAY-17	JUN-17	JUL-17	AUG-17	SEP-17	FY-17 (FINAL)
Total Cardiac Arrests	63	61	78	74	63	72	60	75	65	58	69	63	801
Witnessed Cardiac Arrests	32	21	34	32	24	32	28	43	28	23	28	29	354
NOT Witnessed by EMS	24	15	26	21	14	22	22	39	25	17	24	20	269
Presumed Cardiac Etiology	19	12	20	16	14	15	19	27	19	15	21	14	211
“Shockable” Rhythm (VFib/VTach/Unk)	8	4	7	7	5	5	5	7	9	7	8	6	78
Transported to ED	8	4	7	7	5	5	5	7	9	7	8	6	78
Pronounced Dead in ED	0	3	2	2	2	0	0	3	3	1	2	1	19
Ongoing Resuscitation in ED	8	1	5	5	3	5	5	4	6	6	6	5	59
Admitted to Hospital	5	1	2	4	1	3	3	1	6	6	6	1	39
Died in Hospital	2	0	1	1	1	1	1	0	2	6	1	0	16
Discharged alive	3	1	1	3	0	2	2	1	4	0	5	1	23
Discharged alive (CPC-1 or CPC-2)	3	1	1	3	0	2	0	1	4	0	5	1	21
Discharged alive (CPC-3, CPC-4 or Unk)	0	0	0	0	0	0	2	0	0	0	0	0	2
Died in Hospital after DNR	0	0	0	0	0	0	0	0	0	0	0	0	0
Discharged alive after DNR	0	0	0	0	0	0	0	0	0	0	0	0	0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Discharged Alive	3	1	1	3	0	2	2	1	4	0	5	1	23
Total Discharged Alive (CPC-1 or CPC-2)	3	1	1	3	0	2	0	1	4	0	5	1	21
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	0	0	0	0	0	2	0	0	0	0	0	2
Overall Survival Rate.	37.5%	25.0%	14.3%	42.9%	0.0%	40.0%	40.0%	14.3%	44.4%	0.0%	62.5%	16.7%	29.5%
Overall Survival Rate (CPC-1 or CPC-2).	37.5%	25.0%	14.3%	42.9%	0.0%	40.0%	0.0%	14.3%	44.4%	0.0%	62.5%	16.7%	26.9%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2017 (10/1/2016 to 9/30/2017)

Panel 1-A: All Cardiac Arrests (ROSC)	OCT-16	NOV-16	DEC-16	JAN-17	FEB-17	MAR-17	APR-17	MAY-17	JUN-17	JUL-17	AUG-17	SEP-17	FY-17 (FINAL)
Total Cardiac Arrests	63	61	78	74	63	72	60	75	65	58	69	63	801
Pronounced Dead Before Transport	13	12	18	19	17	18	17	18	19	18	29	23	221
Transported to ED	50	49	60	55	46	54	43	57	46	40	40	40	580
Pulseless at End of Transport	32	35	44	38	35	39	30	38	29	25	26	27	398
Pulse at End of Transport	18	14	16	17	11	15	13	19	17	15	14	13	182
Pronounced Dead in ED	0	0	0	0	2	1	1	0	0	0	1	0	5
Ongoing Resuscitation in ED	18	14	16	17	9	14	12	19	17	15	13	13	177
Admitted to Hospital	13	10	11	14	6	13	9	13	15	12	12	10	138
Died in Hospital	6	4	6	5	1	5	4	6	6	10	3	5	61
Discharged alive	4	5	3	7	2	8	5	6	8	2	6	4	60
Discharged alive (CPC-1 or CPC-2)	4	4	2	4	2	7	2	4	6	1	6	4	46
Discharged alive (CPC-3, CPC-4 or Unk)	0	1	1	3	0	1	3	2	2	1	0	0	14
Died in Hospital after DNR	3	1	2	1	3	0	0	1	1	0	3	0	15
Discharged alive after DNR	0	0	0	1	0	0	0	0	0	0	0	0	1
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0	1	0	0	0	0	0	0	0	0	1
Total Discharged Alive	4	5	3	8	2	8	5	6	8	2	6	4	61
Total Discharged Alive (CPC-1 or CPC-2)	4	4	2	4	2	7	2	4	6	1	6	4	46
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	1	1	4	0	1	3	2	2	1	0	0	15
Pulse at End of Transport (Pre-Hospital ROSC rate).	28.6%	23.0%	20.5%	23.0%	17.5%	20.8%	21.7%	25.3%	26.2%	25.9%	20.3%	20.6%	22.7%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	30.8%	50.0%	27.3%	57.1%	33.3%	61.5%	55.6%	46.2%	53.3%	16.7%	50.0%	40.0%	44.2%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	30.8%	40.0%	18.2%	28.6%	33.3%	53.8%	22.2%	30.8%	40.0%	8.3%	50.0%	40.0%	33.3%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2017 (10/1/2016 to 9/30/2017)

Panel 2-A: Cardiac Arrests Witnessed by Bystanders (ROSC)	OCT-16	NOV-16	DEC-16	JAN-17	FEB-17	MAR-17	APR-17	MAY-17	JUN-17	JUL-17	AUG-17	SEP-17	FY-17 (FINAL)
Total Cardiac Arrests	63	61	78	74	63	72	60	75	65	58	69	63	801
Witnessed Cardiac Arrests	32	21	34	32	24	32	28	43	28	23	28	29	354
NOT Witnessed by EMS	24	15	26	21	14	22	22	39	25	17	24	20	269
Pronounced Dead Before Transport	3	0	3	1	2	4	4	9	5	1	6	4	42
Transported to ED	21	15	23	20	12	18	18	30	20	16	18	16	227
Pulseless at End of Transport	10	11	20	12	10	9	11	17	9	8	12	11	140
Pulse at End of Transport	11	4	3	8	2	9	7	13	11	8	6	5	87
Pronounced Dead in ED	0	0	0	0	1	0	1	0	0	0	0	0	2
Ongoing Resuscitation in ED	11	4	3	8	1	9	6	13	11	8	6	5	85
Admitted to Hospital	7	3	3	8	1	8	4	9	10	7	6	3	69
Died in Hospital	2	1	1	2	0	4	3	4	4	7	1	1	30
Discharged alive	4	2	1	4	1	4	1	5	5	0	4	2	33
Discharged alive (CPC-1 or CPC-2)	4	1	1	3	1	4	0	4	3	0	4	2	27
Discharged alive (CPC-3, CPC-4 or Unk)	0	1	0	1	0	0	1	1	2	0	0	0	6
Died in Hospital after DNR	1	0	1	1	0	0	0	0	1	0	1	0	5
Discharged alive after DNR	0	0	0	1	0	0	0	0	0	0	0	0	1
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0	1	0	0	0	0	0	0	0	0	1
Total Discharged Alive	4	2	1	5	1	4	1	5	5	0	4	2	34
Total Discharged Alive (CPC-1 or CPC-2)	4	1	1	3	1	4	0	4	3	0	4	2	27
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	1	0	2	0	0	1	1	2	0	0	0	7
Pulse at End of Transport (Pre-Hospital ROSC rate).	45.8%	26.7%	11.5%	38.1%	14.3%	40.9%	31.8%	33.3%	44.0%	47.1%	25.0%	25.0%	32.3%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	57.1%	66.7%	33.3%	62.5%	100.0%	50.0%	25.0%	55.6%	50.0%	0.0%	66.7%	66.7%	49.3%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	57.1%	33.3%	33.3%	37.5%	100.0%	50.0%	0.0%	44.4%	30.0%	0.0%	66.7%	66.7%	39.1%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2017 (10/1/2016 to 9/30/2017)

Panel 3-A: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (ROSC)	OCT-16	NOV-16	DEC-16	JAN-17	FEB-17	MAR-17	APR-17	MAY-17	JUN-17	JUL-17	AUG-17	SEP-17	FY-17 (FINAL)
Total Cardiac Arrests	63	61	78	74	63	72	60	75	65	58	69	63	801
Witnessed Cardiac Arrests	32	21	34	32	24	32	28	43	28	23	28	29	354
NOT Witnessed by EMS	24	15	26	21	14	22	22	39	25	17	24	20	269
<b>Presumed Cardiac Etiology</b>	<b>19</b>	<b>12</b>	<b>20</b>	<b>16</b>	<b>14</b>	<b>15</b>	<b>19</b>	<b>27</b>	<b>19</b>	<b>15</b>	<b>21</b>	<b>14</b>	<b>211</b>
Pronounced Dead Before Transport	1	0	2	0	2	1	4	6	3	1	4	2	26
<b>Transported to ED</b>	<b>18</b>	<b>12</b>	<b>18</b>	<b>16</b>	<b>12</b>	<b>14</b>	<b>15</b>	<b>21</b>	<b>16</b>	<b>14</b>	<b>17</b>	<b>12</b>	<b>185</b>
Pulseless at End of Transport	8	8	15	8	10	7	8	11	7	6	11	9	108
<b>Pulse at End of Transport</b>	<b>10</b>	<b>4</b>	<b>3</b>	<b>8</b>	<b>2</b>	<b>7</b>	<b>7</b>	<b>10</b>	<b>9</b>	<b>8</b>	<b>6</b>	<b>3</b>	<b>77</b>
Pronounced Dead in ED	0	0	0	0	1	0	1	0	0	0	0	0	2
Ongoing Resuscitation in ED	10	4	3	8	1	7	6	10	9	8	6	3	75
<b>Admitted to Hospital</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>8</b>	<b>1</b>	<b>6</b>	<b>4</b>	<b>7</b>	<b>8</b>	<b>7</b>	<b>6</b>	<b>1</b>	<b>60</b>
Died in Hospital	2	1	1	2	0	3	3	4	4	7	1	0	28
Discharged alive	4	2	1	4	1	3	1	3	4	0	4	1	28
Discharged alive (CPC-1 or CPC-2)	4	1	1	3	1	3	0	2	3	0	4	1	23
Discharged alive (CPC-3, CPC-4 or Unk)	0	1	0	1	0	0	1	1	1	0	0	0	5
Died in Hospital after DNR	0	0	1	1	0	0	0	0	0	0	1	0	3
Discharged alive after DNR	0	0	0	1	0	0	0	0	0	0	0	0	1
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0	1	0	0	0	0	0	0	0	0	1
<b>Total Discharged Alive</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>5</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>29</b>
<b>Total Discharged Alive (CPC-1 or CPC-2)</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>23</b>
<b>Total Discharged Alive (CPC-3, CPC-4 or Unk)</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>
<b>Pulse at End of Transport (Pre-Hospital ROSC rate).</b>	<b>52.6%</b>	<b>33.3%</b>	<b>15.0%</b>	<b>50.0%</b>	<b>14.3%</b>	<b>46.7%</b>	<b>36.8%</b>	<b>37.0%</b>	<b>47.4%</b>	<b>53.3%</b>	<b>28.6%</b>	<b>21.4%</b>	<b>36.5%</b>
<b>Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.</b>	<b>66.7%</b>	<b>66.7%</b>	<b>33.3%</b>	<b>62.5%</b>	<b>100.0%</b>	<b>50.0%</b>	<b>25.0%</b>	<b>42.9%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>66.7%</b>	<b>100.0%</b>	<b>48.3%</b>
<b>Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).</b>	<b>66.7%</b>	<b>33.3%</b>	<b>33.3%</b>	<b>37.5%</b>	<b>100.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>28.6%</b>	<b>37.5%</b>	<b>0.0%</b>	<b>66.7%</b>	<b>100.0%</b>	<b>38.3%</b>

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2017 (10/1/2016 to 9/30/2017)

Panel 4-A: Cardiac Arrests (Cardiac Etiology/“Shockable” Rhythm) Witnessed by Bystanders (ROSC)	OCT-16	NOV-16	DEC-16	JAN-17	FEB-17	MAR-17	APR-17	MAY-17	JUN-17	JUL-17	AUG-17	SEP-17	FY-17 (FINAL)
Total Cardiac Arrests	63	61	78	74	63	72	60	75	65	58	69	63	801
Witnessed Cardiac Arrests	32	21	34	32	24	32	28	43	28	23	28	29	354
NOT Witnessed by EMS	24	15	26	21	14	22	22	39	25	17	24	20	269
Presumed Cardiac Etiology	19	12	20	16	14	15	19	27	19	15	21	14	211
“Shockable” Rhythm (VFib/VTach/Unk)	8	4	7	7	5	5	5	7	9	7	8	6	78
Pronounced Dead Before Transport	0	0	0	0	0	0	0	0	0	0	0	0	0
Transported to ED	8	4	7	7	5	5	5	7	9	7	8	6	78
Pulseless at End of Transport	2	3	6	4	5	2	2	4	4	2	4	4	42
Pulse at End of Transport	6	1	1	3	0	3	3	3	5	5	4	2	36
Pronounced Dead in ED	0	0	0	0	0	0	0	0	0	0	0	0	0
Ongoing Resuscitation in ED	6	1	1	3	0	3	3	3	5	5	4	2	36
Admitted to Hospital	5	1	1	3	0	3	1	1	5	5	4	1	30
Died in Hospital	2	0	0	1	0	1	0	0	2	5	0	0	11
Discharged alive	3	1	1	2	0	2	1	1	3	0	4	1	19
Discharged alive (CPC-1 or CPC-2)	3	1	1	2	0	2	0	1	3	0	4	1	18
Discharged alive (CPC-3, CPC-4 or Unk)	0	0	0	0	0	0	1	0	0	0	0	0	1
Died in Hospital after DNR	0	0	0	0	0	0	0	0	0	0	0	0	0
Discharged alive after DNR	0	0	0	0	0	0	0	0	0	0	0	0	0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Discharged Alive	3	1	1	2	0	2	1	1	3	0	4	1	19
Total Discharged Alive (CPC-1 or CPC-2)	3	1	1	2	0	2	0	1	3	0	4	1	18
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	0	0	0	0	0	1	0	0	0	0	0	1
Pulse at End of Transport (Pre-Hospital ROSC rate).	75.0%	25.0%	14.3%	42.9%	0.0%	60.0%	60.0%	42.9%	55.6%	71.4%	50.0%	33.3%	46.2%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	60.0%	100.0%	100.0%	66.7%	N/A	66.7%	100.0%	100.0%	60.0%	0.0%	100.0%	100.0%	63.3%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	60.0%	100.0%	100.0%	66.7%	N/A	66.7%	0.0%	100.0%	60.0%	0.0%	100.0%	100.0%	60.0%